

# 3400 High Performance Wax/Resin

## Thermal Transfer Ribbon

### Description:

A wax/resin formulation for Zebra industrial printers, offering excellent print quality on a wide range of coated and uncoated papers, and many matt synthetic facestocks. This ribbon excels when rotated barcodes are required. This high performance wax/resin ribbon also provides good abrasion and some solvent resistance, and is competitively priced, offering an economical solution to many industrial and retail labelling applications.

### UL Recognized with the following materials:

- Z-Xtreme™ 4000T White High-Tack
- Z-Xtreme™ 4000T Silver High-Tack
- Z-Xtreme™ 4000T White
- 8000T Void Matte



### Suggested Applications:

- Shelf-edge labels and tags
- Box and Pallet labelling
- Inventory labeling
- Industrial labels with medium life expectancy
- Labels exposed to steam, alkali or acid solutions

### Technical Specifications

3400 High Performance Wax/Resin	
Colour	Black
Ink Formulation	Wax/Resin
Base Film	Polyester
Base Film Caliper	4.5 microns
Scanning Capabilities	IR and Visible Light
Ribbon Length	450 metres (1476 feet)
Stocked Widths	40, 60, 83, 89, 102, 110, 131, 156, 174 & 220mm

### Recommended Storage Conditions:

23°F to 104°F (-5°C to 40°C) at 20% to 85% RH



### 3400 Bar Code Scannability

The below scannability testing was performed on Z4M, 140XiIII, 90XiIII, and 105SL.

Label Facestock	Print Speed	Bar Code	Lab Results
Coated Paper Labels and Tags	up to 203.2mm/sec	10 mil normal code	Typical ANSI Grade A
Coated Matt Synthetics	up to 203.2mm/sec	10 mil normal code	Typical ANSI Grade B
Uncoated Paper Labels and Tags	up to 152.4mm/sec	10 mil normal code	Typical ANSI Grade C
Coated Paper Labels and Tags	up to 203.2mm/sec	15 mil rotated code	Typical ANSI Grade B
Coated Matt Synthetics	up to 152.4mm/sec	15 mil rotated code	Typical ANSI Grade B

All products should be pre-tested to ensure they meet all intended requirements of specific end-use applications. For testing of this product, please order sample ribbon **3400BK08305**. For a full, up-to-date list of available widths, please contact your authorized Zebra reseller.

